

# SPECIFICATIONS

## Measured Parameters

Haemoglobin	Total haemoglobin concentration (Direct reading)
Unit	g/l
Range	20-300 g/l
Photometric repeatability	+/- 0.5% (Cv)
Method of measurement	Photometry of haemoglobin at wavelength 523 nm
Accuracy of method	2%

## Operating Parameters

Sample size	20µl
Sample type	Capillary blood or anticoagulated venous blood
Blood solution test volume	2ml
Photometry cuvette	10mm x 10mm x 45 mm
Optical path length	10mm +/- 0.1mm
Analysis time	Less than 5 seconds
Light source	Green light emitting diode (LED)
Photometer wavelength	523 nm
Photometer bandwidth	10 nm
Operating temperature	15-35° C
Storage temperature	5-50° C
Relative humidity	Up to 80% @ 25° C (non condensing)

## Dimensions

Width x Height x Depth	178mm x 43mm x 127mm
Weight	300g without batteries

## Electrical Requirements

Batteries	3 x AA long life alkaline batteries ( <b>provided</b> )
Operating time with batteries	about 5 years (or 1 million tests) without replacement
<u>OPTIONAL</u>	
Power supply (mains adaptor)	50 Hz 220-240V AC / 5V DC 30 mA ( <u>optional extra</u> )

## Quality Control

Calibration	Precalibrated/Automatic
Hb Standard /Checker	Solid state - Glass Control/Calibration checker - provided
Calibration /control solutions	Not required
Warranty	Two years

**[Link to Further Information:- www.dht-online.org/info.htm](http://www.dht-online.org/info.htm)**